

***** KPNO/WIYN M31 DATA *****

There are currently 103 epochs of data of the central region of M31, the "Andromeda Galaxy", obtained with the KPNO/WIYN 0.9-meter, MDM 1.3-meter and KPNO 2.1-meter telescopes on Kitt Peak, Arizona. The images were taken with a "Hydrogen Alpha" filter, which only transmits light at a wavelength of 656.3 nm.

The original images are large- 2046 x 2048 pixels. To make them easier to use, each image has been divided into 16 subraster images of 512 x 512 each as shown:

f01 f02 f03 f04
f05 f06 f07 f08
f09 f10 f11 f12
f13 f14 f15 f16

The naming convention for the images is "m31eXXXfYY", where "XXX" is the epoch number and "YY" is the field number. The field number corresponds to one of the subrasters shown above; it is a number between 1 and 16. The epoch number indicates when the observation was completed:

e001: 3 Sep 1995

e002: 18 Jun 1997
e003: 23 Jul 1997
e004: 24 Jul 1997
e005: 25 Jul 1997
e006: 31 Jul 1997
e007: 1 Aug 1997
e008: 18 Nov 1997

e009: 6 Jun 1998
e010: 24 Jul 1998
e011: 25 Jul 1998
e012: 26 Aug 1998
e013: 5 Sep 1998
e014: 14 Oct 1998
e015: 30 Oct 1998
e016: 11 Nov 1998

e017: 27 Jan 1999
e018: 24 Jun 1999
e019: 20 Jul 1999

e020: 14 Jun 2000

e021: 17 Jul 2000
e022: 13 Sep 2000
e023: 14 Sep 2000
e024: 15 Oct 2000
e025: 10 Nov 2000

e026: 12 Jan 2001
e027: 15 Jan 2001
e028: 2 Nov 2001
e029: 22 Nov 2001
e030: 23 Dec 2001

e031: 25 Jun 2002
e032: 21 Jul 2002
e033: 14 Aug 2002
e034: 17 Sep 2002
e035: 20 Sep 2002
e036: 21 Sep 2002
e037: 23 Oct 2002
e038: 10 Nov 2002
e039: 11 Nov 2002

e040: 11 Jun 2003
e041: 13 Jun 2003
e042: 14 Jun 2003
e043: 15 Jun 2003
e044: 16 Jun 2003
e045: 17 Jun 2003
e046: 18 Jun 2003
e047: 4 Jul 2003
e048: 5 Jul 2003
e049: 6 Jul 2003
e050: 7 Jul 2003
e051: 8 Jul 2003
e052: 9 Jul 2003
e053: 2 Aug 2003
e054: 3 Aug 2003
e055: 30 Aug 2003
e056: 31 Aug 2003
e057: 17 Sep 2003
e058: 18 Sep 2003
e059: 19 Sep 2003
e060: 20 Sep 2003
e061: 21 Sep 2003
e062: 9 Oct 2003
e063: 13 Oct 2003

e064: 6 Nov 2003
e065: 5 Dec 2003
e066: 9 Dec 2003
e067: 10 Dec 2003
e068: 11 Dec 2003
e069: 13 Dec 2003

e070: 3 Jan 2004
e071: 6 Jan 2004
e072: 31 Jan 2004
e073: 2 Feb 2004
e074: 3 Feb 2004
e075: 24 Jun 2004
e076: 25 Jun 2004
e077: 26 Jun 2004
e078: 27 Jun 2004
e079: 30 Sep 2004
e080: 1 Oct 2004
e081: 2 Oct 2004
e082: 23 Oct 2004
e083: 24 Oct 2004
e084: 17 Nov 2004
e085: 20 Nov 2004

e086: 28 Jun 2005
e087: 29 Jun 2005
e088: 30 Jun 2005
e089: 1 Jul 2005
e090: 29 Jul 2005
e091: 27 Sep 2005
e092: 28 Sep 2005
e093: 29 Sep 2005
e094: 21 Oct 2005
e095: 22 Oct 2005
e096: 23 Oct 2005
e097: 14 Nov 2005
e098: 15 Nov 2005
e099: 16 Nov 2005
e100: 16 Dec 2005
e101: 17 Dec 2005
e102: 18 Dec 2005
e103: 20 Dec 2005

For further information about TLRBSE and the M31 project contact:

Dr. Travis A. Rector
Dept. of Physics & Astronomy
University of Alaska Anchorage
3211 Providence Dr.
Anchorage, AK

phone: (907) 786-1242
email: rector@uaa.alaska.edu